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☐ **1. "Direction" assisted Geographic Routing for mobile ad hoc networks**

Biao Zhou; Yeng-Zhong Lee; Gerla, M.;

[Military Communications Conference, 2008. MILCOM 2008. IEEE](#)

16-19 Nov. 2008 Page(s):1 - 7

Digital Object Identifier 10.1109/MILCOM.2008.4753610

Summary: In geographic routing protocols (e.g. GPSR), a node makes packet forwarding decisions based on the coordinates of its neighbors and the packet's destination. Geo-routing uses greedy forwarding as a default; if this fails (e.g. the packet is trapped)....

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☐ **2. Bandwidth-Aware Routing in Overlay Networks**

Sung-Ju Lee; Banerjee, S.; Sharma, P.; Yalagandula, P.; Basu, S.;

[INFOCOM 2008. The 27th Conference on Computer Communications. IEEE](#)

13-18 April 2008 Page(s):1732 - 1740

Digital Object Identifier 10.1109/INFOCOM.2008.235

Summary: In the absence of end-to-end quality of service (QoS), overlay routing has been used as an alternative to the default best effort Internet routing. Using end-to-end network measurement, the problematic parts of the path can be bypassed, resulting in

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☐ **3. Minimax open shortest path first routing algorithms in networks supporting the SMDS service**

Lin, F.Y.S.; Wang, J.L.;

[Communications, 1993. ICC 93. Geneva. Technical Program, Conference Record. IEEE International Conference on](#)

Volume 2, 23-26 May 1993 Page(s):666 - 670 vol.2

Digital Object Identifier 10.1109/ICC.1993.397358

Summary: Two quasi-static minimax open shortest path first (OSPF) routing algorithms in networks supporting the Switched Multi-megabit Data Service (SMDS) are presented and compared. In OSPF routing, the network is modeled as a graph and each link is associated with

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- ☐ **4. Application-oriented routing in hybrid wireless networks**
 Yuan Sun; Belding-Royer, E.M.;
[Communications, 2003. ICC '03. IEEE International Conference on](#)
 Volume 1, 11-15 May 2003 Page(s):502 - 506 vol.1
Summary: Hybrid wireless networks are a viable networking solution to combat the limitations of infrastructured wireless networks and provide Internet connectivity to ad hoc networks. This paper first analyzes the requirements for deployment of hybrid network.....
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- ☐ **5. Eutelsat services for IP access**
 Fitch, M.; Rhodes, H.;
[Eutelsat - New Products and Services \(Ref. No. 2000/030\). IEE Colloquium on](#)
 7 April 2000 Page(s):5/1 - 510
Summary: Satellite links are increasingly being used to boost the bandwidth to Internet service providers (ISP) from Western Europe and the US. The bandwidth required is often asymmetric or even one-way, with the greater traffic flow away from the US. This pa.....
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- ☐ **6. A Path Setup Scheme in HAWII**
 Li Ming; Huang Chang lai; Gao Chuan shan;
[Hybrid Information Technology, 2006. ICHIT '06. International Conference on](#)
 Volume 1, 9-11 Nov. 2006 Page(s):197 - 202
 Digital Object Identifier 10.1109/ICHIT.2006.253487
Summary: HAWII (handoff-aware wireless access Internet infrastructure) is a micromobility protocol in IP network. To provide transparent mobility to correspondent hosts, HAWII segregates the network into a hierarchy of domains. While moving in a domain, the m.....
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- ☐ **7. Prediction-based routing through least cost delay constraint**
 Kim, Y.G.; Shiravi, A.; Min, P.S.;
[Parallel and Distributed Processing Symposium, 2004. Proceedings. 18th International](#)
 26-30 April 2004 Page(s):56
 Digital Object Identifier 10.1109/IPDPS.2004.1302979
Summary: Summary form only given. To control data network for a delay constraint application, it is necessary to understand the behavior of packet delay and the network traffic. In data network, the type of service (TOS) bits are included in the IP header to
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- ☐ **8. FLUTE: Fast Lookup Table Based Rectilinear Steiner Minimal Tree Algorithm for VLSI Design**
 Chu, C.; Yiu-Chung Wong;
[Computer-Aided Design of Integrated Circuits and Systems. IEEE Transactions on](#)
 Volume 27, [Issue 1](#), Jan. 2008 Page(s):70 - 83
 Digital Object Identifier 10.1109/TCAD.2007.907068
Summary: In this paper, we present a very fast and accurate rectilinear Steiner minimal tree (RSMT) algorithm called fast lookup table estimation (FLUTE). FLUTE is based on a precomputed lookup table to make RSMT construction very fast and very accurate for l.....
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- ☐ **9. Authentication and key generation for mobile IP using GSM authentication and roaming**
 Haverinen, H.; Asokan, N.; Maattanen, T.;
[Communications, 2001. ICC 2001. IEEE International Conference on](#)
 Volume 8, 11-14 June 2001 Page(s):2453 - 2457 vol.8
 Digital Object Identifier 10.1109/ICC.2001.936589
Summary: A new authentication, authorization and accounting (AAA) infrastructure for use on the Internet is being developed at the IETF. AAA support is also being specified for mobile IP. The paper describes an implemented prototype system that demonstrates h.....
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- ☐ **10. Dynamic power saving in fat-tree interconnection networks using on/off links**
 Alonso, M.; Coll, S.; Martinez, J.M.; Santonja, V.; Lopez, P.; Duato, J.;
[Parallel and Distributed Processing Symposium, 2006. IPDPS 2006. 20th International](#)
 25-29 April 2006 Page(s):8 pp.
 Digital Object Identifier 10.1109/IPDPS.2006.1639599
Summary: Current trends in high-performance parallel computers show that fat-tree interconnection networks are one of the most popular topologies. The particular characteristics of this topology, that provide multiple alternative paths for each source/destina.....
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- ☐ **11. The flow detection protocol design in multiprotocol over ATM**
 Huang Ke; Sun Hairong; Zhou Mingtian;
[Communication Technology Proceedings, 1998. ICCT '98. 1998 International Conference on](#)
 22-24 Oct. 1998 Page(s):414 - 418 vol.1
 Digital Object Identifier 10.1109/ICCT.1998.743268
Summary: A key to ATM's success and Internet's further success will be the ability to allow for interoperation between the existing network technologies and ATM. The MPOA (multiprotocol over ATM) which is presented and standardized by ATM Forum in July 1997,
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- ☐ **12. An Application Router for SIP Servlet Application Composition**
 Cheung, E.; Purdy, K.H.;
[Communications, 2008. ICC '08. IEEE International Conference on](#)
 19-23 May 2008 Page(s):1802 - 1806
 Digital Object Identifier 10.1109/ICC.2008.346
Summary: The SIP servlet standard offers a familiar Java application programming interface (API) for developing session initiation protocol (SIP) applications, and the upcoming version 1.1 specification standardizes how multiple SIP servlet applications are c.....
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- ☐ **13. Mobile IP version 6 (MIPv6) route optimization security design**
 Nikander, P.; Arkko, J.; Aura, T.; Montenegro, G.;
[Vehicular Technology Conference, 2003. VTC 2003-Fall, 2003 IEEE 58th](#)
 Volume 3, 6-9 Oct. 2003 Page(s):2004 - 2008 Vol.3
 Digital Object Identifier 10.1109/VETECF.2003.1285376
Summary: Mobile IPv6 (MIPv6) allows a mobile node to talk directly to its peers while retaining the ability to move around and change the currently used IP address. This mode of operation is called route optimization (RO), as it allows the packets to traverse.....
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- ☐ **14. ProtoPeer: From Simulation to Live Deployment in One Step**
 Galuba, W.; Aberer, K.; Despotovic, Z.; Kellerer, W.;
[Peer-to-Peer Computing, 2008. P2P '08. Eighth International Conference on](#)
 8-11 Sept. 2008 Page(s):191 - 192
 Digital Object Identifier 10.1109/P2P.2008.13
Summary: Simulators are a commonly used tool in peer-to-peer systems research. However, they may not be able to capture all the details of a system operating in a live network deployment. Transitioning from simulation to the actual system implementation is a
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